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cont
27. (Twice Amended) [An] The apparatus according to claim 15, [characterized in that the apparatus comprises means for] the signal processing unit mirroring the signal segments in the output signal about a time axis.

28. (Twice Amended) [An] The apparatus according to claim 15, [characterized in that the apparatus comprises] further comprising:

a high-pass filter [for pre-filtering] that pre-filters ring the auscultation signal [such that] to obtain further zero crossings [may be obtained].

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29. (Amended) An electronic stethoscope comprising:
at least one input transducer; [and]
at least one output transducer; and [, said stethoscope comprising]
a signal processing [means for dividing said] unit divides an input signal in time into a plurality of signal segments, each segment having an individual duration of time, said signal segments being processed into an output signal of successive signal segments[, said signal segments being processed in] such [a way] that at least one[, preferably all signal segments are] signal segment is repeated at least once in said output signal,

[characterized in that said stethoscope further comprises means for]
the signal processing unit establishing each signal segment such that the duration of time of substantially all of the signal segments is less than 50 ms, and
[said stethoscope further comprising means for] said at least one output transducer reproducing said output signal [by means of said output transducers].

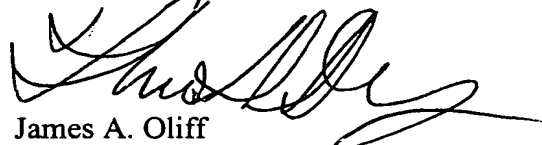
REMARKS

Claims 1-29 are pending. By this Amendment, the specification and claims 1-29 are amended. The specification and claims 1-29 are amended for further clarity. No new matter is added.

The above amendments place the application in even better condition for initial examination. Prompt consideration and allowance in due courses are earnestly solicited.

Should the Examiner believe that anything further is desirable in order to place this application in even better condition for allowance, the Examiner is requested to contact the Applicants' undersigned representative at the telephone number listed below.

Respectfully submitted,



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